

## 1    **ABSTRACT OF THE DISCLOSURE**

2            A cartridge assembly of water cooled radiator is disclosed. The cartridge  
3    assembly can be installed in a computer through the standard drive bay, which  
4    includes a booster pump (30) and a water tank (20), interconnected by circulation  
5    piping (32). The circulation piping (32) is formed by an intake pipe (34) and a  
6    return pipe (36). A transparent window (14) is opened up at the front of face  
7    panel (102) for visually checking the water level in the water tank (20). This  
8    cartridge design of the water cooled radiator has the advantages of safe usage,  
9    harmonious design, and easy operability. For refilling the water tank (20), a  
10   design is used employing a lock-and-release mechanism, such that when pressure  
11   is applied on the push button (104), the water tank (20) and the face panel (102)  
12   will be forced out slightly relative to the immovable shell (10).